

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A method of regenerating a spent catalyst composition for decomposing organophosphonate compounds, said spent catalyst composition being poisoned with ~~phosphate-type~~ a phosphate species, comprising washing the ~~water-soluble phosphate-type~~ phosphate species that are formed as products upon the catalyst composition from the catalyst composition by washing the spent catalyst composition with water.

2. (Currently Amended) A method of regenerating a spent catalyst composition for decomposing organophosphonate compounds, said catalyst composition containing a catalyst selected from the group consisting of manganese oxide, vanadium, vanadium oxide, and mixtures thereof, and a catalyst selected from the group consisting of activated carbon, diphosphorus pentoxide (P₂O₅) and mixtures thereof, comprising washing the spent catalyst composition with water.

3. (Currently Amended) A method of regenerating a spent catalyst composition containing a catalyst selected from the group consisting of manganese oxide, titanium dioxide, vanadium, vanadium oxide, and mixtures thereof, and a catalyst selected from the group consisting of activated carbon, diphosphorus pentoxide (P₂O₅) and mixtures thereof, comprising treating the catalyst composition by a process including at least one step selected from the group of steps consisting of: washing with water, washing with a solvent, heating, exposing to light, purging with oxygen, purging with a reactive gas, exposing to microwave radiation, and combinations thereof.

4-12. (Cancelled)